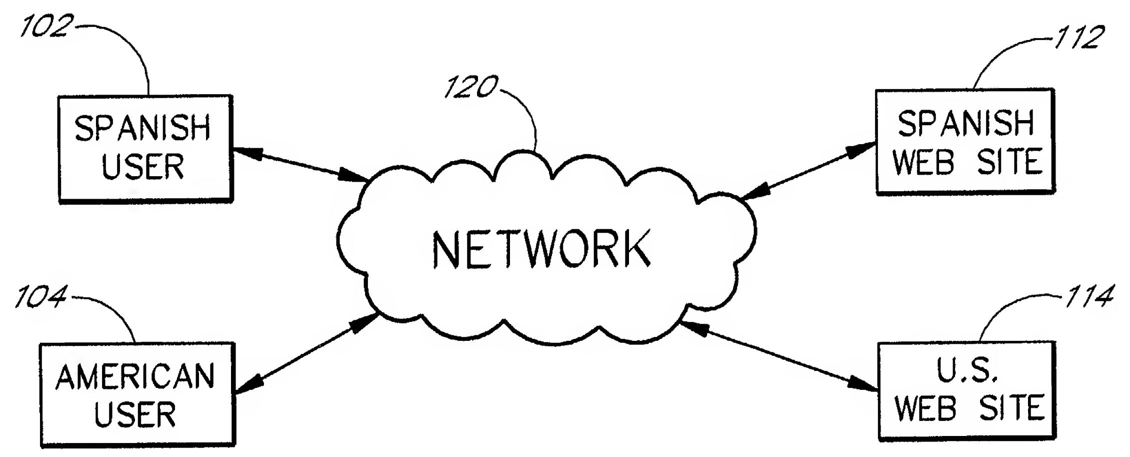
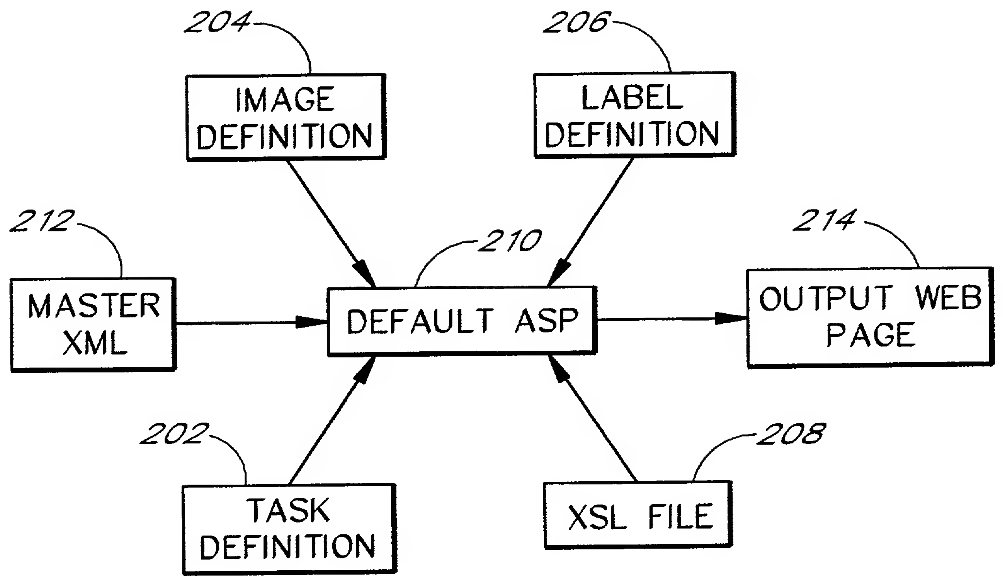

102
SPANISH USER
104
AMERICAN USER
120
NETWORK
112
SPANISH WEB SITE
114
U.S. WEB SITE

FIG. 1



204
IMAGE DEFINITION
206
LABEL DEFINITION
212
MASTER XML
210
DEFAULT ASP
214
OUTPUT WEB PAGE
202
TASK DEFINITION
208
XSL FILE

FIG. 2

210

default.asp

302

```
<% Option Explicit %>
<!--#include file="../tasks/tasks.asp"-->
<!--#include file="../../../../utils/xmlutils.asp"-->
<!--#include file="../../../../utils/sysutils.asp"-->
<!--#include file="../../../../utils/dbutils.asp"-->
<%
dim objXML, reqPage, goPage, xslfile, x, locale

'Get the locale name which is the last directory name in the current path without the "\".
'This id can be used later in any tasks that have locale specific data.
locale = mid(server.MapPath("."), len(server.MapPath("../")) + 2)

'load the master xml structure into a dom object - will be used globally
set objXML = getXMLDoc (Server.MapPath("../xml/master.xml"))      304

'append the images and labels xml structures for the locale to master.xml
AppendXML(Server.MapPath("xml/images.xml"))
AppendXML(Server.MapPath("xml/labels.xml"))      306

'get the page value off the form if it exists
reqPage = Request("page")

'if reqPage exists then loop the tasks for building the requested page otherwise default tp page 1
if reqPage <> "" then
        goPage = RunTasks(reqPage)
        'if goPage <> reqPage then it will be treated like a redirect and the new goPage will need to
have its tasks run. this will only be done 1 time.
        if goPage <> reqPage then
                goPage = RunTasks(goPage)
        end if
else
        goPage = RunTasks("1")
end if

'Append the variable x xml structure into the objXML structure for use in the xsl templates.
'This will only be run if some values have been poplulated into the variable.
if x <> "" then
        x="<builddata>" & x
        'the task xml nodes that will be built indside here are in the tasks.asp - that is why x is a
global variable
        x=x & </builddata>"
        AppendXML(x)
end if

'build the page with the XML structure loaded and appended to above using the XSL file for the next page
number
xslfile = server.MapPath("../xsl/page" & goPage & .xsl")      308
Response.write TransformXML(objXML, xslfile )

'cleanup the objects on this page - all others are cleaned on the individual pages
set objXML = nothing
%>
```

FIG. 3

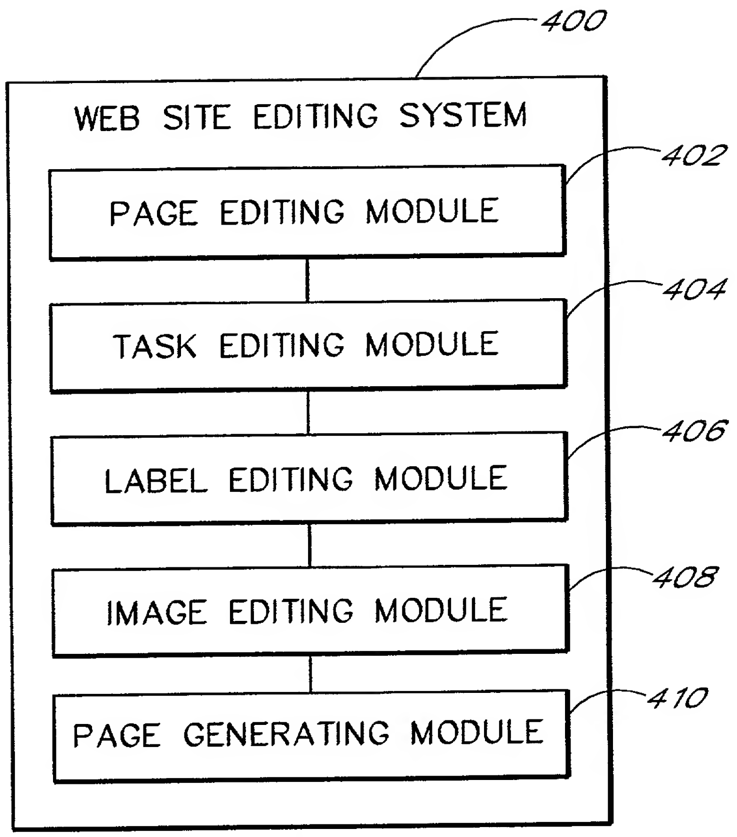

400
WEB SITE EDITING SYSTEM
PAGE EDITING MODULE
402
TASK EDITING MODULE
404
LABEL EDITING MODULE
406
IMAGE EDITING MODULE
408
PAGE GENERATING MODULE
410

FIG. 4

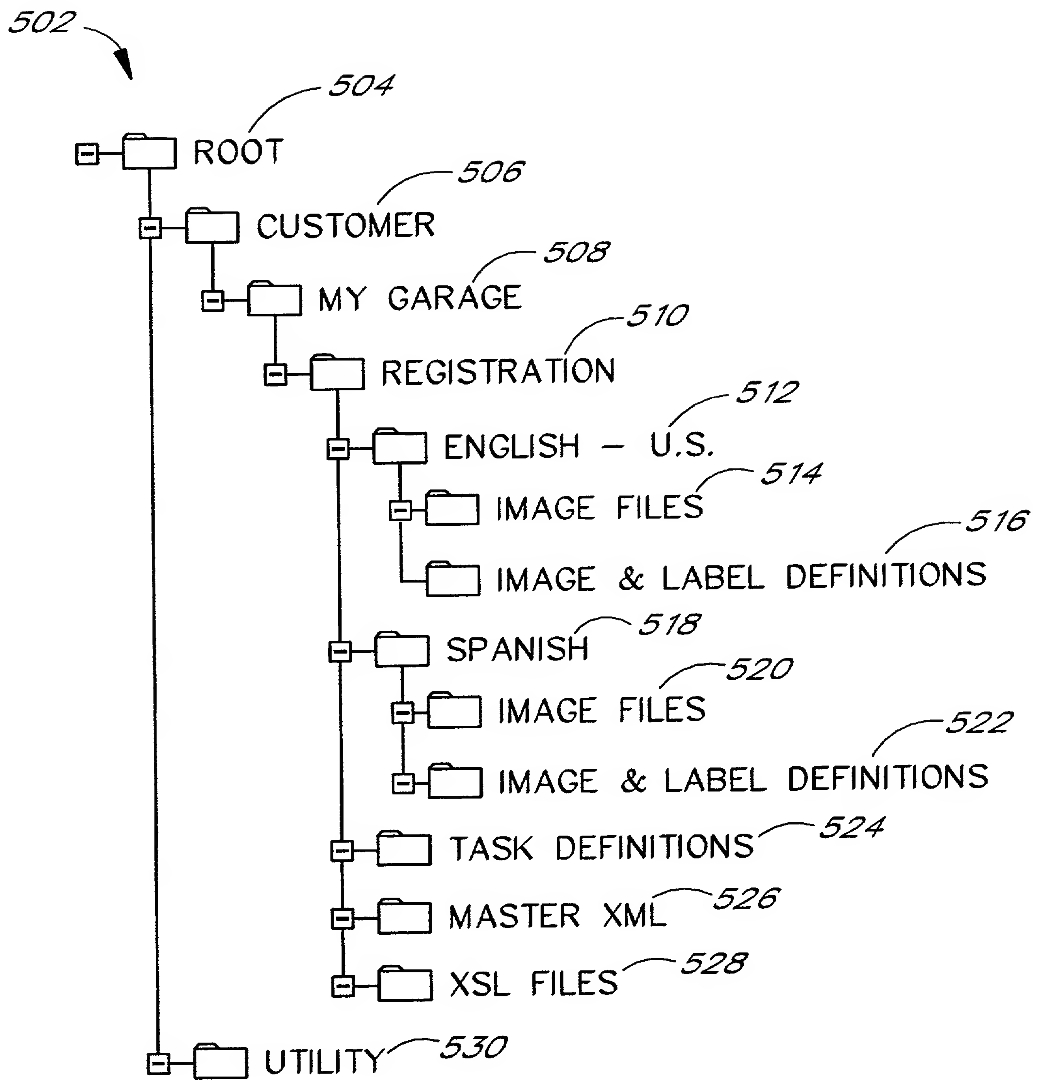
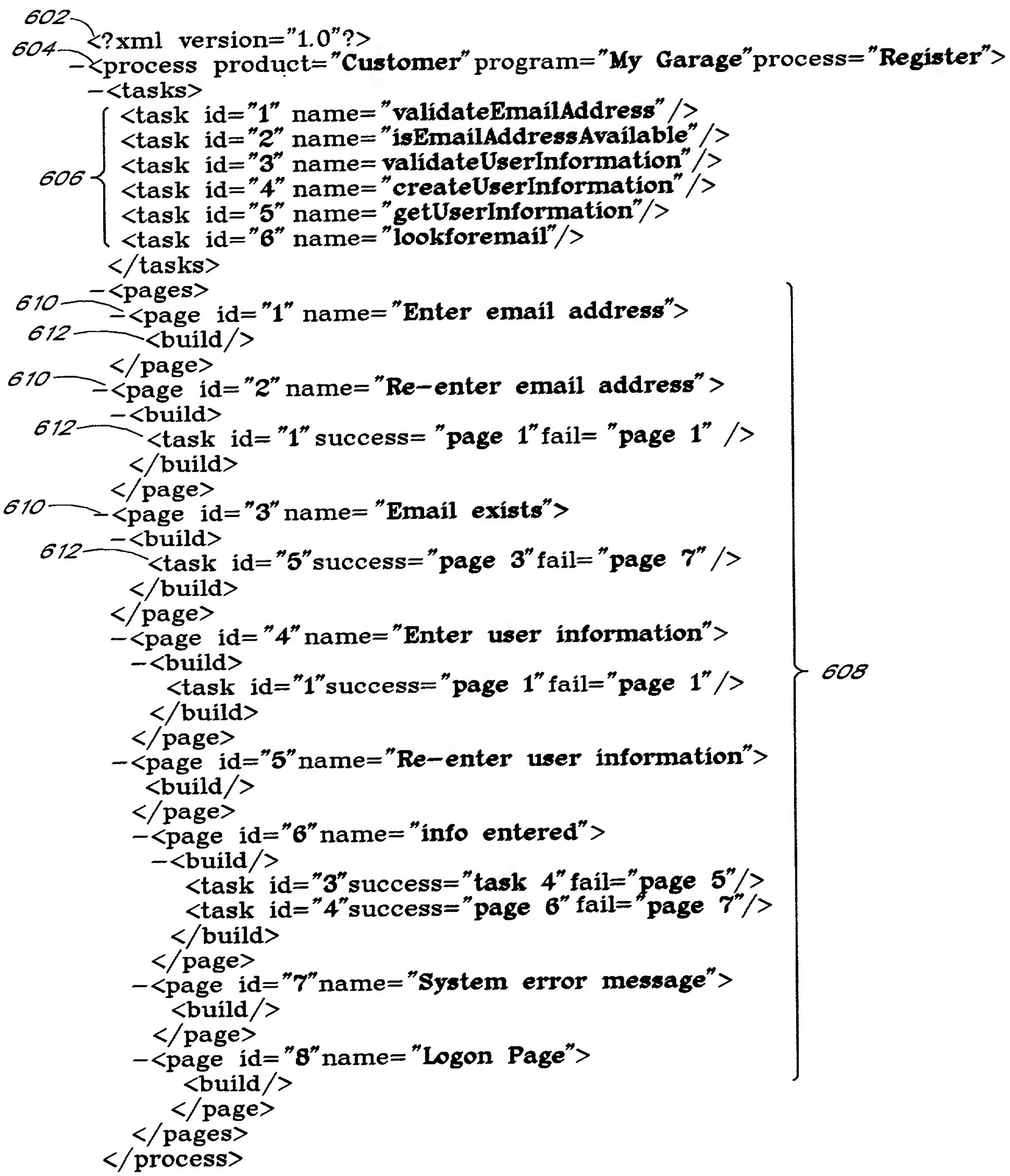

502
ROOT
504
CUSTOMER
506
MY GARAGE
508
REGISTRATION
510
ENGLISH – U.S.
512
IMAGE FILES
514
IMAGE & LABEL DEFINITIONS
516
SPANISH
518
IMAGE FILES
520
IMAGE & LABEL DEFINITIONS
522
TASK DEFINITIONS
524
MASTER XML
526
XSL FILES
528
UTILITY
530

FIG. 5



```
<?xml version="1.0"?>
-<process product="Customer" program="My Garage"process="Register">
 -<tasks>
   <task id="1" name="validateEmailAddress"/>
   <task id="2" name="isEmailAddressAvailable"/>
   <task id="3" name= validateUserInformation"/>
   <task id="4" name="createUserInformation"/>
   <task id="5" name="getUserInformation"/>
   <task id="6" name="lookforemail"/>
  </tasks>
 -<pages>
  -<page id="1" name="Enter email address">
     <build/>
   </page>
  -<page id="2" name="Re-enter email address">
   -<build>
      <task id="1" success= "page 1"fail= "page 1" />
    </build>
   </page>
  -<page id="3" name= "Email exists">
   -<build>
      <task id="5"success="page 3"fail="page 7"/>
    </build>
   </page>
  -<page id="4"name="Enter user information">
    -<build>
       <task id="1"success="page 1"fail="page 1"/>
     </build>
    </page>
  -<page id="5"name="Re-enter user information">
     <build/>
    </page>
    -<page id="6"name="info entered">
     -<build/>
        <task id="3"success="task 4"fail="page 5"/>
        <task id="4"success="page 6"fail="page 7"/>
      </build>
     </page>
    -<page id="7"name="System error message">
      <build/>
     </page>
    -<page id="8"name="Logon Page">
       <build/>
      </page>
    </pages>
  </process>
```

602
604
606
610
612
610
612
610
612
608

FIG. 6

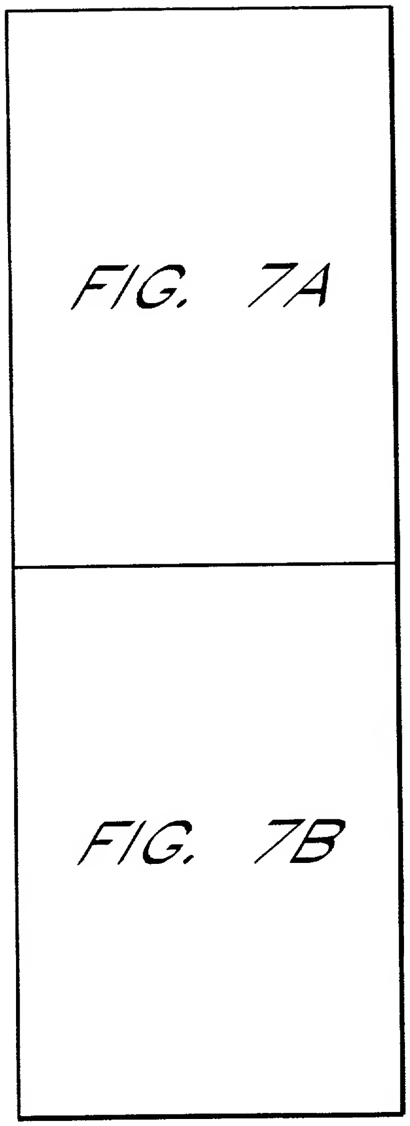


FIG. 7

```
<%                                              702
function validateEmailAddress()
        dim email
        'Get the email address variable
        email = Request("email")


        if email <>"" then
                'check to make sure the email address is properly formed
                if instr(1, email, "@") > 0 then
                        validateEmailAddress = "Pass"
                else
                        'the next xsl page will need the email address in the xml structure
                        BuildElementXML "emailaddress", email
                        validateEmailAddress = "Fail"
                end if
        else
                'the next xsl page will need the email address in the xml structure
                BuildElementXML "emailaddress", email
                validateEmailAddress = "Fail"
        end if
end function
                                                  704
function isEmailAddressAvailable()
        dim spCMD, rsSP, email


        'Get the email address variable
        email = equest("email")


        Set spCMD = SetSPCMD("GetEmailAddress", strConnect) 'strConnect is set in the
connect.asp include file
   spRet spCMD 'A returned value will occur
   'spIntIn spCMD, "@MyAge", UserAge
   spVarCharIn spCMD,"@emailAddress", 255, email '255 character email address
   set rsSP = spCMD.execute 'execute the stored procedure


        'stored procedure result of success or fail
        if spCMD.parameters("RETURN_VALUE") then
                isEmailAddressAvailable = "Fail"
        else
                'task completed ok
                isEmailAddressAvailable = "Pass"
        end if


        'Regardless of the outcome - the email address is needed on the next page.
        BuildElementXML "emailaddress", email
        set spCMD = nothing
        set rsSP = nothing
end function

                                                    706
function validateUserInformation()
        validateUserInformation = "Pass"
end function
                                               708
function createUserInformation()
        dim spCMD, rsSP
        'form element variables
        dim email, fname, lname


        'Get the email address, fname and lname variables
        email = Request("email")
        fname = Request("fname")
        lname = Request("lname")
```

FIG. 7A

```
      Set spCMD = SetSPCMD("CreateUserInformation", strConnect)
   spRet spCMD 'A returned value will occur
   'spIntIn spCMD, "@MyAge", UserAge
   spVarCharIn spCMD,"@emailAddress", 255, email   '255 character email address
   'need to make a text input parameter or adLongVarChar
   dim t
   t = "<data name=""" + "fname" + """>" & fname & "</data>"
   t = t + "<data name=""" + "lname" + """>" & lname & "</data>"


   spVarCharIn spCMD, "AXMLElements", len(t),t   'xml structure


   set rsSP = spCMD.execute 'execute the stored procedure

         'stored procedure result of success or fail
         if spCMD.parameters("RETURN_VALUE") then
               createUserInformation = "Fail"
         else
               createUserInformation = "Pass"
               'add records to xml??
         end if


         set spCMD = nothing
         set rsSP = nothing
end function

function getUserInformation()  710
         dim spCMD, rsSP, email
         email = Request("email")


      Set spCMD = SetSPCMD("getUserInformation", strConnect)
spRet spCMD 'A returned value will occur
'spIntIn spCMD, "@MyAge", UserAge
spVarCharIn spCMD, "@MyAge", UserAge
spVarCharIn spCMD, "@emailAddress", 255, email   255 character email address
set rsSP = spCMD.execute 'execute the stored procedure


      'stored procedure result of success or fail
      if spCMD.parameters("RETURN_VALUE") then
            getUserInformation = "Fail"
      else
            'get the value of the return record
            x=x + "<task name=""" + "getuserinformation" + """>"
            x=x + "<record>"
            x=x + rsSP.fields("XMLElements"). value
            x=x +"</record>"
            x=x + "</task>"


            get UserInformation = "Pass"
      end if

      set spCMD = nothing
      set rsSP = nothing


      'Because stored procedures may return multiple recordsets, we need to handle them.
Assuming we wish to display all of the recordsets as HTML, the following code suffices:
   'Do until rsSP Is Nothing
         '      RS2TABLE rsSP
         '      rsSP=rsSP.NextRecordSet
         'Loop
end function
%>
<%                                          712
function lookforemail()
         'lookforemail="Fail"
         lookforemail="Pass"
end function
%>
```

FIG. 7B

```
       <?xml version="1.0" ?>
      -<labels>
802    -<label id="title">
804      <![CDATA[Autobytel.com Customer Registration]]>
        </label>
802    -<label id="footer">
804      <![CDATA[1997-201 autobytel.com]]>
        </label>
802    -<label id="emailAddress">
804      <![CDATA[Email address: ]]>
        </label>
       -<label id="emailAddressEnter">
         <![CDATA[Enter your email address ]]>
        </label>
       -<label id="emailAddressFail">
         <![CDATA[Error: '{emailAddress}' is not a valid email address. ]]>
        </label>
       -<label id="emailAddressReEnter">
         <![CDATA[Please re-enter your email address. ]]>
        </label>
       -<label id="infoTitle">
         <![CDATA[Your Title: ]]>
        </label>
       -<label id="infoStreet" >
         <![CDATA[Street Address:]]>
        </label>
       -<label id="infoCity">
         <![CDATA[City:]]>
        </label>
       -<label id="infoState">
         <![CDATA[State:]]>
        </label>
       -<label id="enterAgain">
         <![CDATA[Please correct your information and submit again.]]>
        </label>
       -<label id="InfoEntered">
         <![CDATA[Your information has been successfully entered into the database.]]>
        </label>
       -<label id="ErrorPage">
         <![CDATA[One of the tasks failed when trying to build the page. This is the
         system error page.]]>
        </label>
       -<label id="LogonPage">
         <![CDATA[This will be the logon page. ]]>
        </label>
       -<label id="emailBelongsTo">
         <![CDATA[...in development... ]]>
        </label>
       -<label id="NewLabelName">
         <![CDATA[Enter Label Text Here]]>
        </label>
      </labels>
```

FIG. 8

```
      <?xml version="1.0" ?>
     -<labels>
902   -<label id="title">
904      <![CDATA[Autobytel.com Cliente Registration]]>
       </label>
902   -<label id="footer">
904      <![CDATA[1997-201 autobytel.com ]]>
       </label>
902   -<label id="emailAddress">
904      <![CDATA[Email se dirigen: ]]>
       </label>
      -<label id="emailAddressEnter">
         <![CDATA[Por favor entre en su dirtección del email.]]>
       </label>
      -<label id="emailAddressFail">
         <![CDATA[El error: '{emailAddress}' no es una dirección del emailválida.]]>
       </label>
      -<label id="emailAddressReEnter">
         <![CDATA[Por favor el re - entre en su dirección del mail.]]>
       </label>
      -<label id="infoTitle">
         <![CDATA[Su Título:  ]]>
       </label>
      -<label id="infoStreet" >
         <![CDATA[La Dirección callejera:]]>
       </label>
      -<label id="infoCity">
         <![CDATA[La ciudad:]]>
       </label>
      -<label id="infoState">
         <![CDATA[El estado: ]]>
       </label>
      -<label id="enterAgain">
         <![CDATA[Por favor corrija su información y someta de nuevo.]]>
       </label>
      -<label id="InfoEntered">
         <![CDATA[En su infornación se ha entrado con éxito en el banco de datos. ]]>
       </label>
      -<label id="ErrorPage">
         <![CDATA[Una de las tareas falló al intentar construir la página. Ésta es la
         página de error de sistema.]]>
       </label>
      -<label id="LogonPage">
         <![CDATA[Ésta será la página del logon.]]>
       </label>
      -<label id="emailBelongsTo">
         <![CDATA[...en el desarrollo...]]>
       </label>
     </labels>
```

FIG. 9

```
<?xml version="1.0"?>
  <images>
   <img id="company_logo" name="us_logo.jpg">
   <img id="product1_photo" name="us_product1.jpg">
  </images>
```

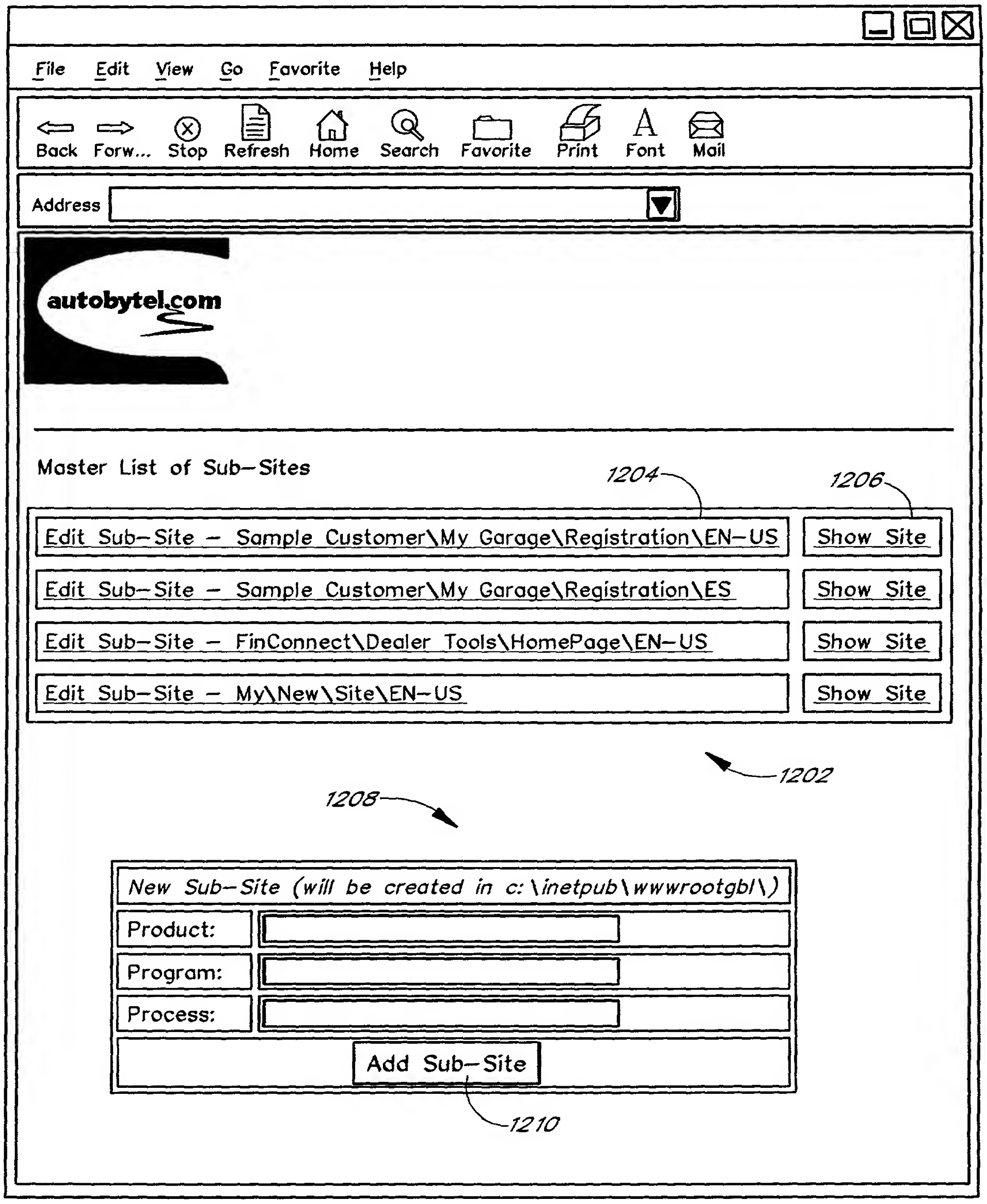
1002 1004 1002 1004

FIG. 10

```
<?xml version="1.0"?>
  <images>
   <img id="company_logo" name="esp_logo.jpg">
   <img id="product1_photo" name="esp_product1.jpg">
  </images>
```

1002 1004 1002 1004

FIG. 11



Master List of Sub-Sites

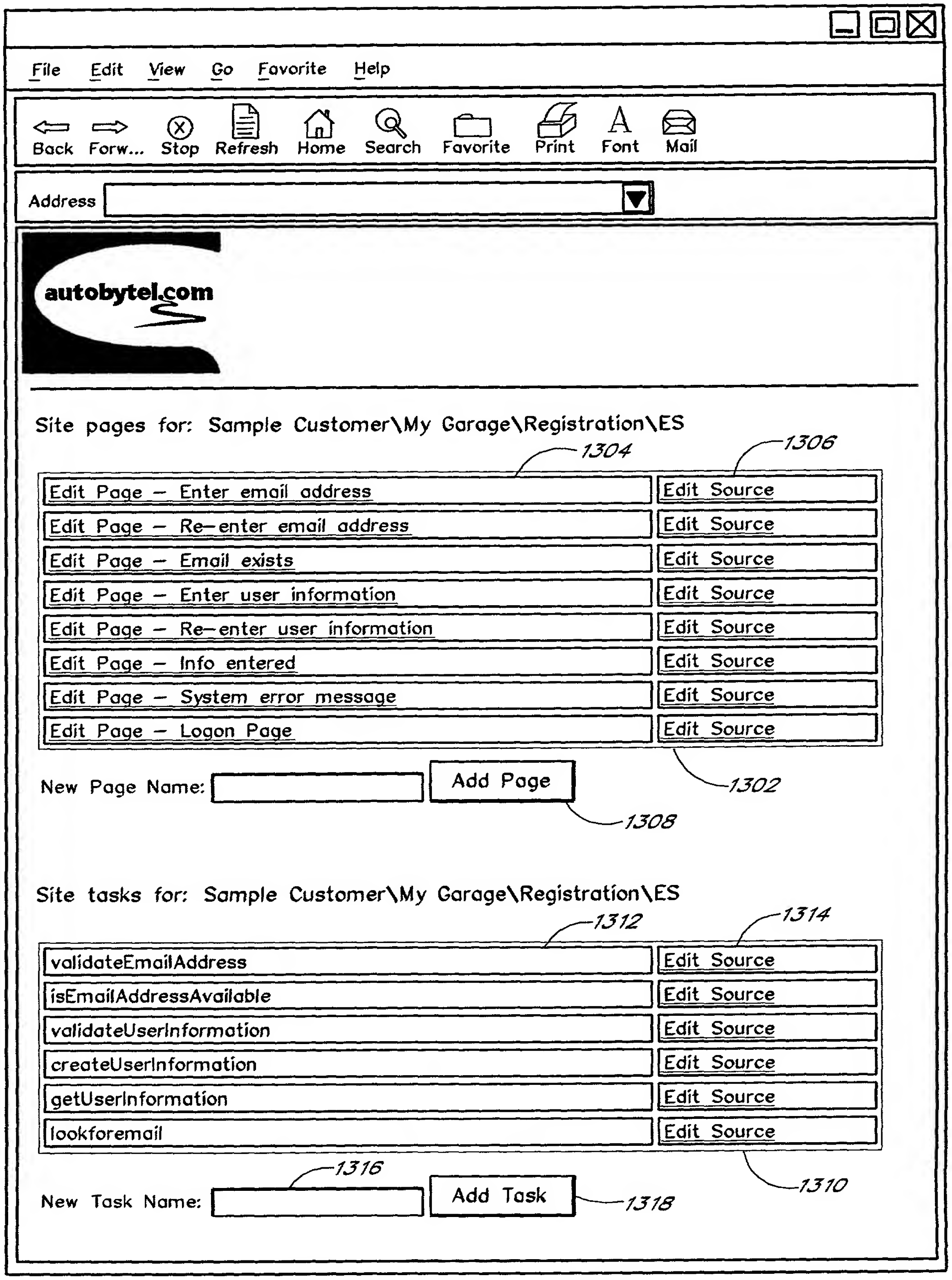
Edit Sub-Site – Sample Customer\My Garage\Registration\EN-US	Show Site
Edit Sub-Site – Sample Customer\My Garage\Registration\ES	Show Site
Edit Sub-Site – FinConnect\Dealer Tools\HomePage\EN-US	Show Site
Edit Sub-Site – My\New\Site\EN-US	Show Site

New Sub-Site (will be created in c:\inetpub\wwwrootgbl\)

Product:	
Program:	
Process:	

Add Sub-Site

FIG. 12



File Edit View Go Favorite Help
Back Forw... Stop Refresh Home Search Favorite Print Font Mail
Address
autobytel.com
1304
1306
1302
1308
1312
1314
1310
1316
1318
Edit Source
Add Page
Add Task

Site pages for: Sample Customer\My Garage\Registration\ES

Edit Page – Enter email address	Edit Source
Edit Page – Re-enter email address	Edit Source
Edit Page – Email exists	Edit Source
Edit Page – Enter user information	Edit Source
Edit Page – Re-enter user information	Edit Source
Edit Page – Info entered	Edit Source
Edit Page – System error message	Edit Source
Edit Page – Logon Page	Edit Source

New Page Name:

Site tasks for: Sample Customer\My Garage\Registration\ES

validateEmailAddress	Edit Source
isEmailAddressAvailable	Edit Source
validateUserInformation	Edit Source
createUserInformation	Edit Source
getUserInformation	Edit Source
lookforemail	Edit Source

New Task Name:

FIG. 13

```
  <?xml version="1.0" ?>
-<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
   version="1.0">
  -<xsl:template match="process">
     <xsl:apply-templates/>
   </xsl:template>
  -<xsl:template match="process">
   -<html>
    -<head>
     -<title>
        <xsl:value-of select="labels/label[@id='title'] disable-output-
          escaping="yes"/>
      </title>
     </head>
    -<body>
       <!-- Header template is defined in the included headere.xsl file
        -->
       <xsl:call-template name="header"/>
       <!-- This is the main section of the page -->
       <!-- Footer template is defined in the included footer.xsl file
        -->
       <xsl:call-template name="footer"/>
     </body>
    </html>
  </xsl:template>
  <!-- Include for Header and Footer XSL templates -->
  <xsl:include href="header.xsl"/>
  <xsl:include href="footer.xsl" />
  <xsl:includehref="../../../../utils/replace.xsl" />
</xsl:stylesheet>
```

FIG. 14

```
  <?xml version="1.0" ?>
-<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">
  -<xsl:template match="process">
     <xsl:apply-templates />
    </xsl:templates>
  -<xsl:template match="process">
    -<html>
      -<head>
        -<title>
           <xsl:value-of select="labels/label[@id='title']"disable-output-
             escaping="yes" />
          </title>
        </head>
      -<body>
          <!-- Header template is defined in the included header.xsl file -->
          <xsl:call-template name="header" />
          <!-- Label above the email address input box. -->
          <xsl:value-of select="labels/label[@id='emailAddressEnter']"disable-output-
            escaping= "yes" />
        -<form name="formEmail"action= "default.asp"method= "post">
            <!--Label next to the email address input box. -->
            <xsl:value-of select="labels/label[@id='emailAddress'] disable-output-
              escaping="yes" />
            <input type="text"name="email" />
            <!--Hiddens used for getting to next stage -->
            <input type="hidden"name="page"value="4" />
            <input type="submit" value= "Submit" />
          </form>
          <!-- Footer template is defined in the included footer.xsl file -->
          <xsl:call-template name="footer" />
        -<br>
            <xsl:value-of select= "labels/label[@id='NewLabelName']" disable-output-
              escaping="yes" />
          </br>
        </body>
      </html>
    </xsl:template>
    <!--Include for Header and Footer XSL templates -->
    <xsl:include href="header.xsl" />
    <xsl:include href= "footer.xsl" />
</xsl:stylesheet>
```

FIG. 15

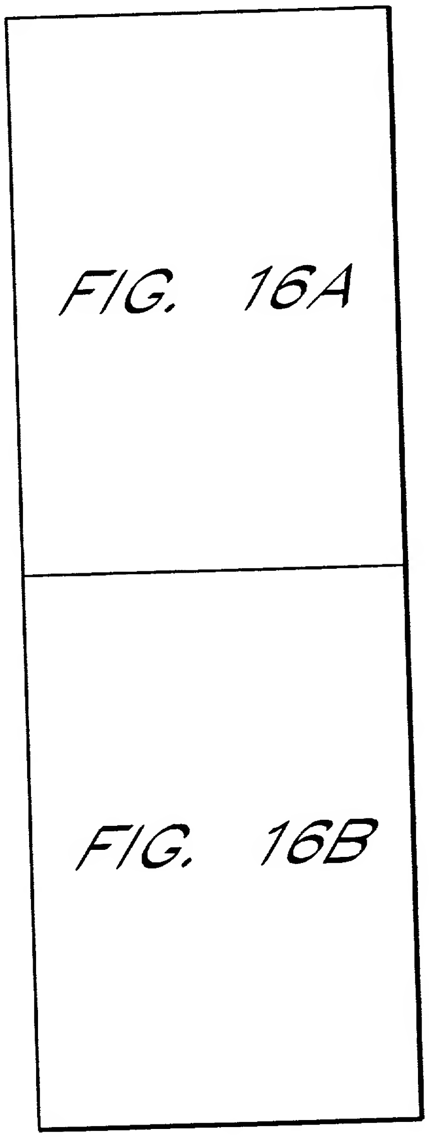
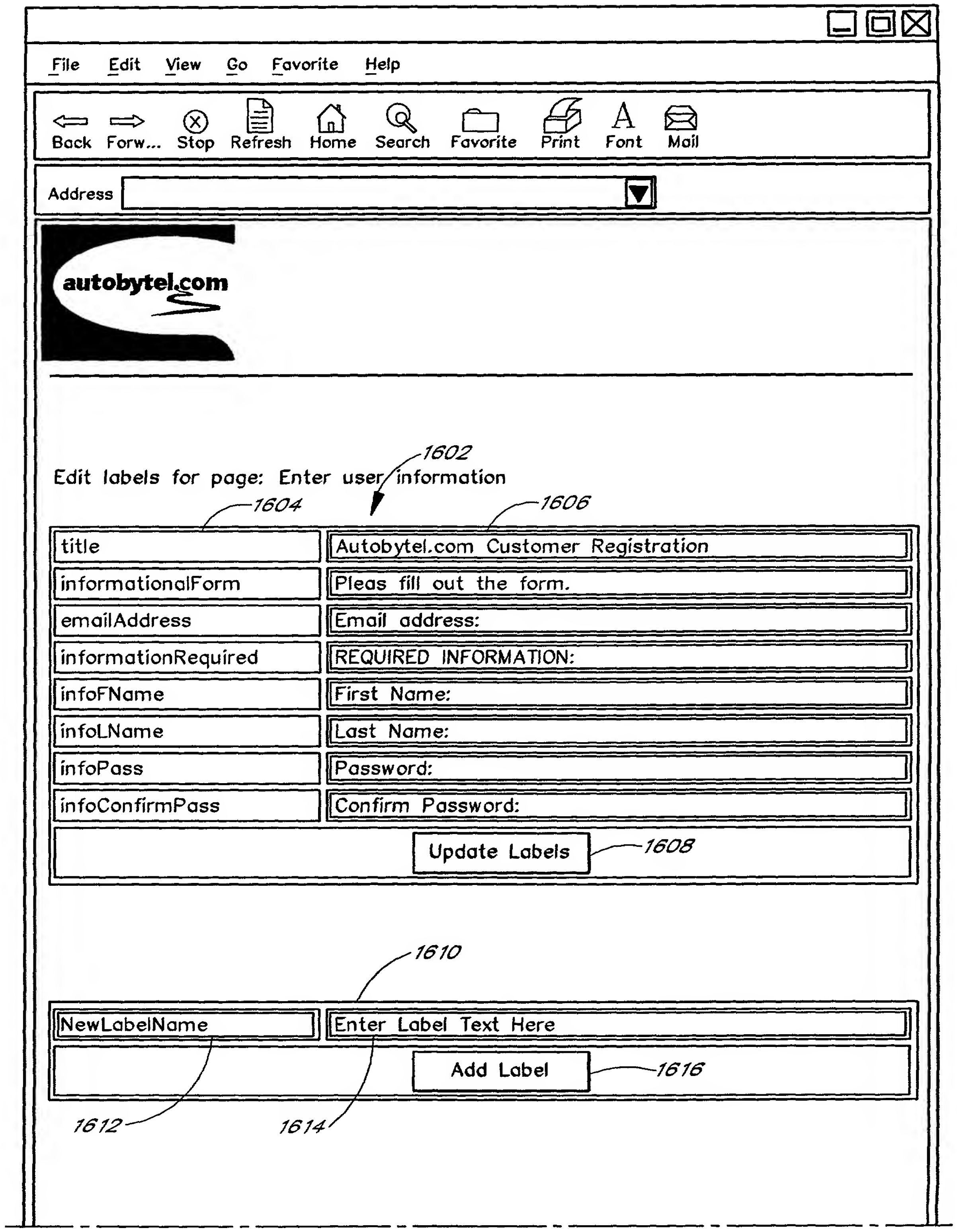


FIG. 16

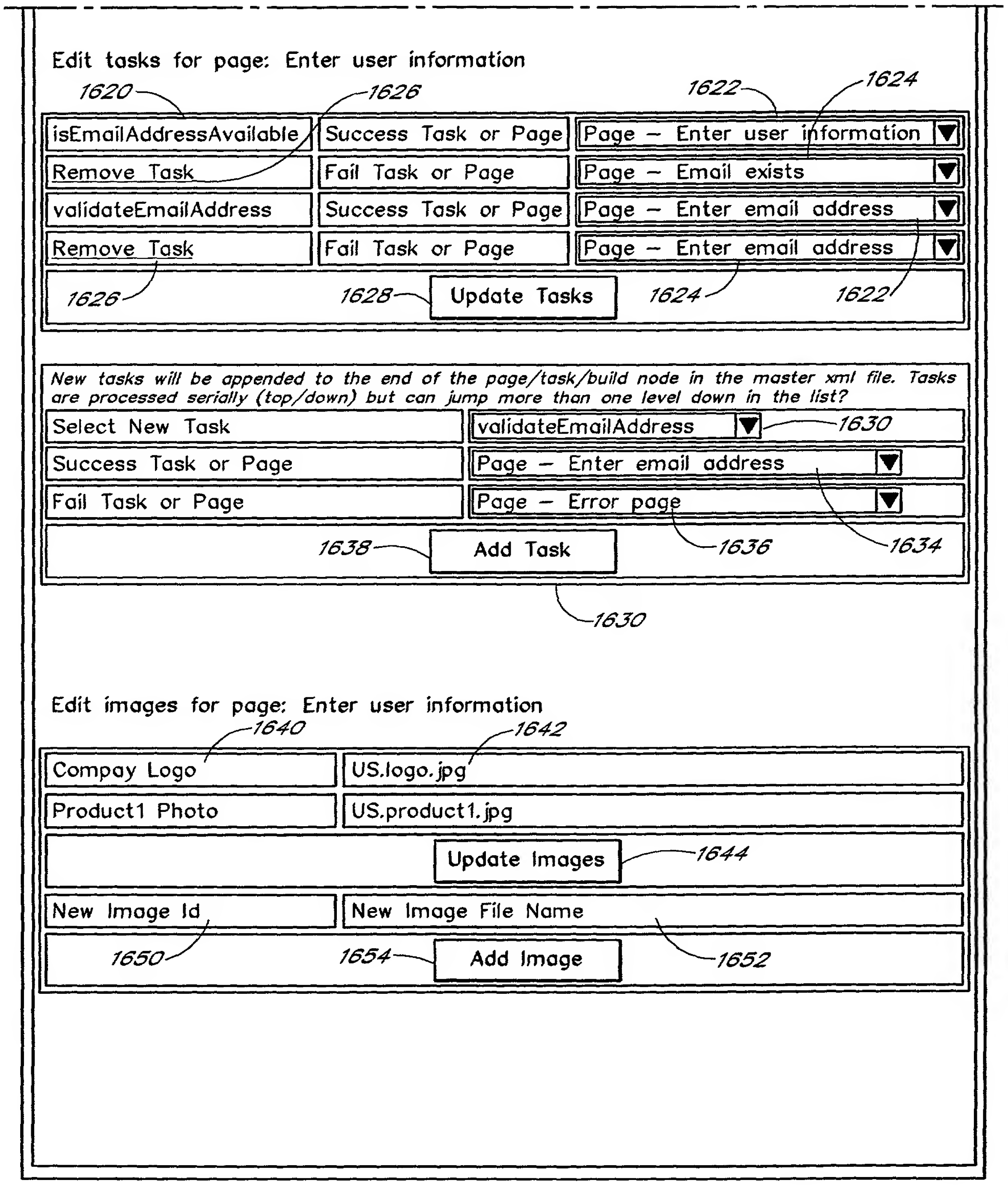


Edit labels for page: Enter user information

title	Autobytel.com Customer Registration
informationalForm	Pleas fill out the form.
emailAddress	Email address:
informationRequired	REQUIRED INFORMATION:
infoFName	First Name:
infoLName	Last Name:
infoPass	Password:
infoConfirmPass	Confirm Password:

NewLabelName	Enter Label Text Here

FIG. 16A


Edit tasks for page: Enter user information

isEmailAddressAvailable	Success Task or Page	Page – Enter user information ▼
Remove Task	Fail Task or Page	Page – Email exists ▼
validateEmailAddress	Success Task or Page	Page – Enter email address ▼
Remove Task	Fail Task or Page	Page – Enter email address ▼

New tasks will be appended to the end of the page/task/build node in the master xml file. Tasks are processed serially (top/down) but can jump more than one level down in the list?

Select New Task	validateEmailAddress ▼
Success Task or Page	Page – Enter email address ▼
Fail Task or Page	Page – Error page ▼

Edit images for page: Enter user information

Compay Logo	US.logo.jpg
Product1 Photo	US.product1.jpg
New Image Id	New Image File Name

FIG. 16B

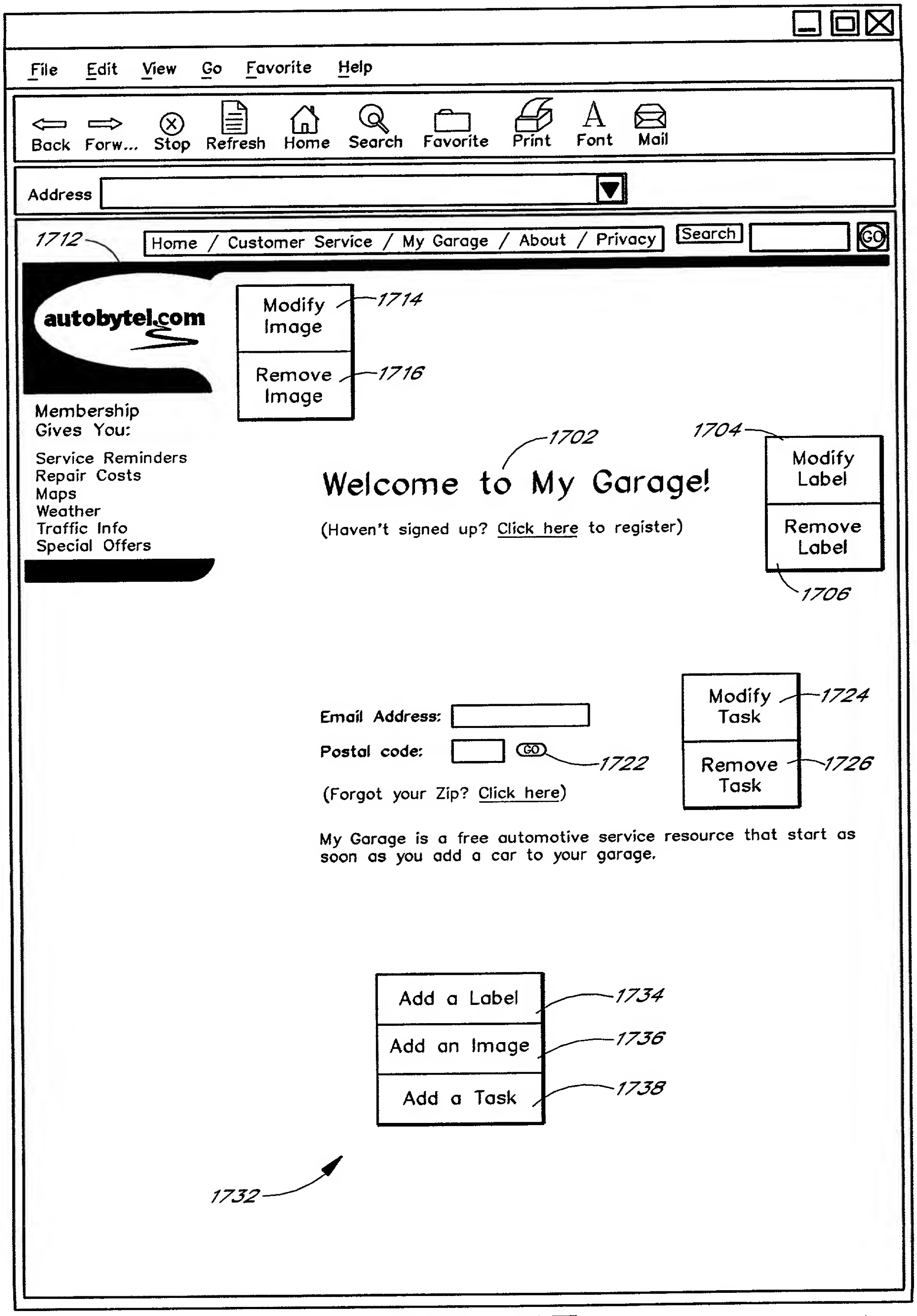

File Edit View Go Favorite Help
Back Forw... Stop Refresh Home Search Favorite Print Font Mail
Address
1712
Home / Customer Service / My Garage / About / Privacy
Search
GO
autobytel.com
Modify Image
1714
Remove Image
1716
Membership Gives You:
Service Reminders
Repair Costs
Maps
Weather
Traffic Info
Special Offers
1702
1704
Welcome to My Garage!
(Haven't signed up? Click here to register)
Modify Label
Remove Label
1706
Email Address:
Postal code:
GO
1722
(Forgot your Zip? Click here)
Modify Task
1724
Remove Task
1726
My Garage is a free automotive service resource that start as soon as you add a car to your garage.
Add a Label
1734
Add an Image
1736
Add a Task
1738
1732

FIG. 17